

(FILE 'HOME' ENTERED AT 08:57:10 ON 20 MAY 1998)

FILE 'MEDLINE, EMBASE, WPIDS, CAPLUS' ENTERED AT 08:57:26 ON 20 MAY 1998

L1 63129 S THROMBIN? OR ANTI-THROMBIN  
L2 7 S L1 AND (NEMATOCER? OR SIMULIUM OR SIMULIA)  
L3 5 DUP REM L2 (2 DUPLICATES REMOVED)  
E CUPP E/AU  
L4 150 S E5-E8 OR E31-E33  
L5 7 S L4 AND (THROMBIN? OR ANTI-THROMBIN?)

=> s 15 not 12

L6 0 L5 NOT L2

(FILE 'USPAT' ENTERED AT 08:43:08 ON 20 MAY 1998)  
L1 3755 S THROMBIN OR ANTI-THROMBIN  
L2 0 S L1(12A) (NEMATOCER? OR SIMULIUM)  
E CUPP, E/IN

L3 ANSWER 1 OF 5 MEDLINE  
 TI Black fly (Diptera:Simuliidae) salivary secretions: importance in vector competence and disease.  
 AU Cupp E W; Cupp M S  
 SO JOURNAL OF MEDICAL ENTOMOLOGY, (1997 Mar) 34 (2) 87-94. Ref: 76  
 Journal code: J1B. ISSN: 0022-2585.

L3 ANSWER 2 OF 5 MEDLINE DUPLICATE 1  
 TI Novel anticoagulant from salivary glands of **Simulium vittatum** (Diptera: Simuliidae) inhibits activity of coagulation factor V.  
 AU Abebe M; Ribeiro J M; Cupp M S; Cupp E W  
 SO JOURNAL OF MEDICAL ENTOMOLOGY, (1996 Jan) 33 (1) 173-6.  
 Journal code: J1B. ISSN: 0022-2585.

L3 ANSWER 3 OF 5 CAPLUS COPYRIGHT 1998 ACS  
 TI Simulidin: a black fly (**Simulium vittatum**) salivary gland protein with **anti-thrombin** activity  
 AU Abebe, M.; Cupp, M. S.; Champagne, D.; Cupp, E. W.  
 SO J. Insect Physiol. (1995), 41(11), 1001-6  
 CODEN: JIPHAF; ISSN: 0022-1910

L3 ANSWER 4 OF 5 MEDLINE  
 TI Anticoagulant activity in salivary gland extracts of black flies (Diptera: Simuliidae).  
 AU Abebe M; Cupp M S; Ramberg F B; Cupp E W  
 SO JOURNAL OF MEDICAL ENTOMOLOGY, (1994 Nov) 31 (6) 908-11.  
 Journal code: J1B. ISSN: 0022-2585.

L3 ANSWER 5 OF 5 MEDLINE DUPLICATE 2  
 TI Isolation and characterization of a coagulation factor Xa inhibitor from black fly salivary glands.  
 AU Jacobs J W; Cupp E W; Sardana M; Friedman P A  
 SO THROMBOSIS AND HAEMOSTASIS, (1990 Oct 22) 64 (2) 235-8.  
 Journal code: VQ7. ISSN: 0340-6245.